

7. (presently amended) A method for modifying a carbohydrate, comprising the steps of:

(a) ~~selecting~~ providing at least one purified glycosidase of defined substrate specificity obtainable from *Xanthomonas holcicola*, *Xanthomonas manihotis*, or *Xanthomonas oryzae* wherein the glycosidase is selected from the group consisting of a fucosidase, a mannosidase, a xylosidase, a glucosidase, a galactosidase, N-acetylglucosaminidase and a hexosaminidase;

(b) cleaving a ~~selected~~ glycosidic bond between constituent monosaccharides of the carbohydrate by means of the glycosidase; and

(c) forming a modified carbohydrate.

8 (canceled)

9.(canceled)

10. (previously presented) The method according to claim 7, wherein the modified carbohydrate has altered immunogenic properties compared with the carbohydrate prior to modification.

11. (previously presented) The method according to claim 7, wherein step (b) further comprises cleaving Fuc α 1-2R linkage.

12 cancelled

13. cancelled

14 (new) A method according to claim 7, wherein the glycosidase is selected from the group consisting of a fucosidase, a mannosidase, a xylosidase, a glucosidase, a galactosidase, N-acetylglucosaminidase and a hexosaminidase.

15. (new) A method according to claim 7, wherein the glycosidase is selected from a β 1-3 \rightarrow 4 galactosidase, an α -1-2,3 mannosidase, a β -glucosidase, an α 1-3,4 fucosidase, an α 1-2 fucosidase, a β -N-acetylglucosaminidase, β -GlcNAc, an α - 1-6 mannosidase, an α -1-3,6 galactosidase, an α -1-3,6 mannosidase, a β -xylosidase and a β -mannosidase.

16. (new) A method according to claim 7, wherein step (a) further comprises determining the defined substrate specificity using a fluorescent chromophore.

17. (new) A method according to claim 16, wherein the fluorescent chromophore is 7-aminocoumarin.

18. (new) A method according to claim 7, wherein step (b) further comprises measuring a hydrolysis product resulting from cleavage of the glycosidic bond using thin layer silica gel chromatography.